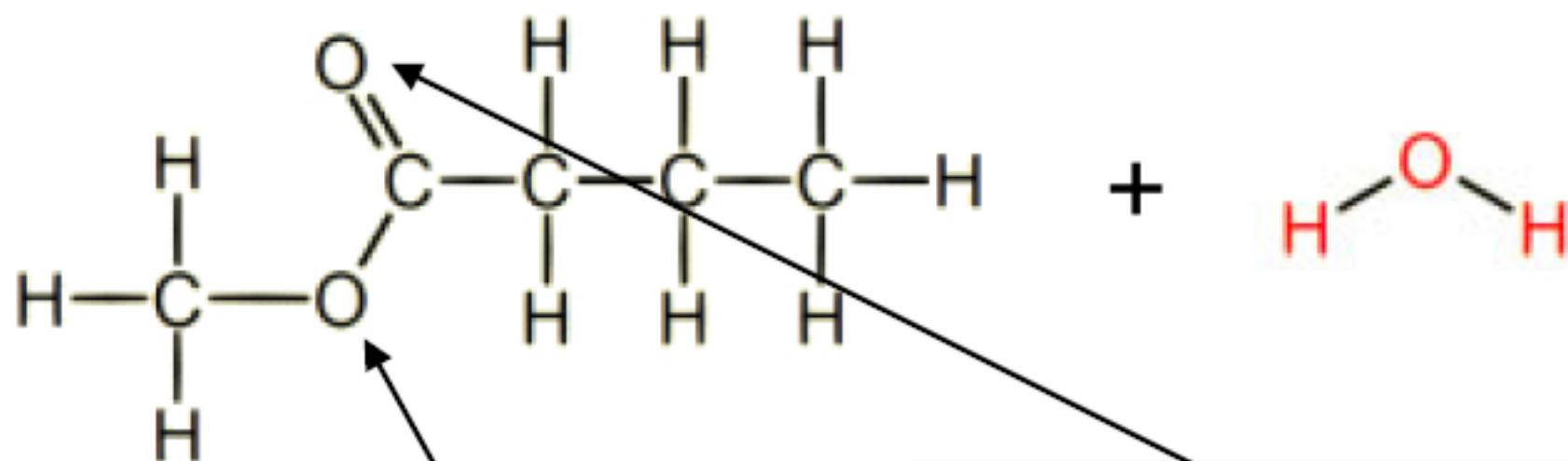
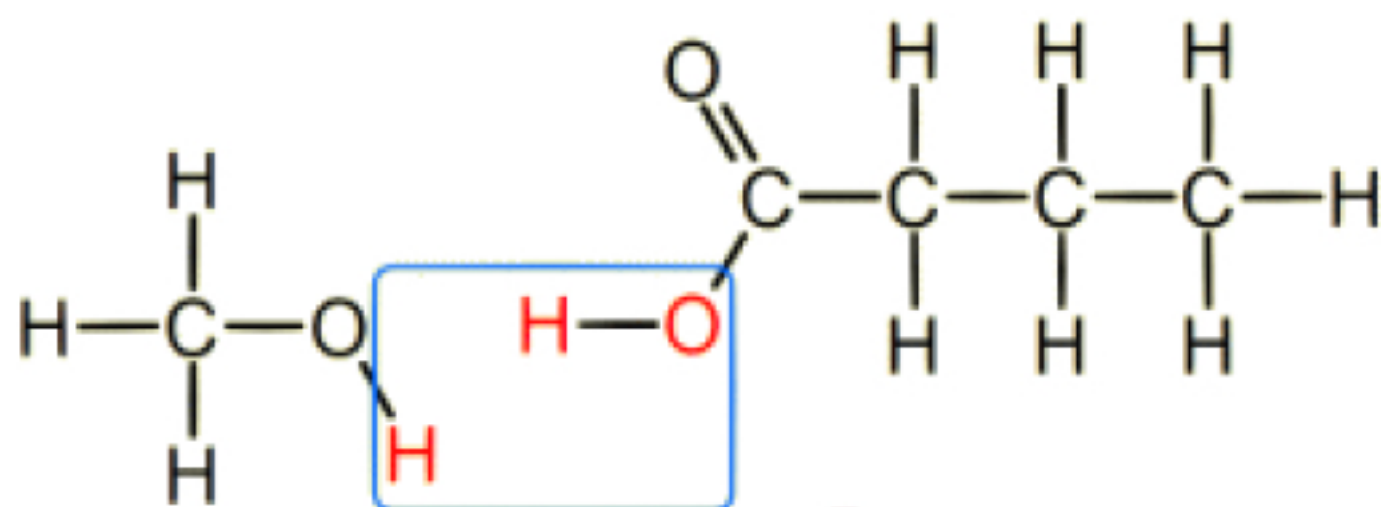


Is the structural diagram of the ester formed below **Methyl butanoate** or **Butyl methanoate**?



The single bond O indicates that the oxygen atom was from the alcohol ie **methanol**

The carbonyl bond (C=O) indicates the carboxylic side of the ester ie **butanoic acid**

When naming esters name the alcohol side first, change the name ending to -yl
ie *methanol* becomes **Methyl**

Then name the carboxylic acid side, change the name ending to -anoate
ie *butanoic acid* becomes **butanoate**

Answer: Methyl butanoate